

**2004**  
***Scheduled***  
***Maintenance Guide***



**PASSPORT**

*TO PERFORMANCE*

## MAINTENANCE LOG: SUVs AND TRUCKS

### 5,000 Miles or 6 Months

- Replace engine oil and oil filter<sup>1</sup>
- Rotate tires
- Visually inspect brake linings/drums and brake pads/discs

#### Additional Maintenance Items for Special Operating Conditions

##### Driving in desert or on dirt roads:

- Inspect ball joints and dust covers
- Inspect drive shaft boots (Highlander, Land Cruiser, RAV4, 4WD Sequoia, 4WD Tacoma, 4WD Tundra, 4WD 4Runner)
- Inspect engine air filter
- Inspect steering linkage and boots
- Lubricate propeller shaft (PreRunner and all 4WD except Highlander and RAV4)
- Re-torque drive shaft bolt (4WD Highlander, 4WD RAV4)
- Re-torque propeller shaft bolt (all models except Highlander and RAV4)
- Tighten nuts and bolts on chassis

##### Driving on salted roads:

- Lubricate propeller shaft (PreRunner and all 4WD except Highlander and RAV4)
- Re-torque propeller shaft bolt (all models except Highlander and RAV4)

##### Driving while towing:

- Lubricate propeller shaft (PreRunner and all 4WD except Highlander and RAV4)
- Re-torque propeller shaft bolt (all models except Highlander and RAV4)
- Tighten nuts and bolts on chassis

**DEALER SERVICE VERIFICATION:**

DATE:

MILEAGE:

### 10,000 Miles or 12 Months

- Replace engine oil and oil filter<sup>1</sup>
- Rotate tires
- Visually inspect brake linings/drums and brake pads/discs

#### Additional Maintenance Items for Special Operating Conditions

##### Driving in desert or on dirt roads:

- Inspect ball joints and dust covers
- Inspect drive shaft boots (Highlander, Land Cruiser, RAV4, 4WD Sequoia, 4WD Tacoma, 4WD Tundra, 4WD 4Runner)
- Inspect engine air filter
- Inspect steering linkage and boots
- Lubricate propeller shaft (PreRunner and all 4WD except Highlander and RAV4)
- Re-torque drive shaft bolt (4WD Highlander, 4WD RAV4)
- Re-torque propeller shaft bolt (all models except Highlander and RAV4)
- Tighten nuts and bolts on chassis

##### Driving on salted roads:

- Lubricate propeller shaft (PreRunner and all 4WD except Highlander and RAV4)
- Re-torque propeller shaft bolt (all models except Highlander and RAV4)

##### Driving while towing:

- Lubricate propeller shaft (PreRunner and all 4WD except Highlander and RAV4)
- Re-torque propeller shaft bolt (all models except Highlander and RAV4)
- Tighten nuts and bolts on chassis

**DEALER SERVICE VERIFICATION:**

DATE:

MILEAGE:

## MAINTENANCE LOG: SUVs AND TRUCKS

### 15,000 Miles or 18 Months

- Replace engine oil and oil filter<sup>1</sup>
- Rotate tires
- Lubricate propeller shaft (PreRunner and all 4WD except Highlander and RAV4)
- Re-torque drive shaft bolt (4WD Highlander, 4WD RAV4)
- Re-torque propeller shaft bolt (all models except Highlander and RAV4)
- Visually inspect brake linings/drums and brake pads/discs
- Inspect the following:
 

<ul style="list-style-type: none"> <li><input type="checkbox"/> Ball joints and dust covers</li> <li><input type="checkbox"/> Brake lines and hoses</li> <li><input type="checkbox"/> Drive shaft boots (Highlander, Land Cruiser, RAV4, 4WD Sequoia, 4WD Tacoma, 4WD Tundra, 4WD 4Runner)</li> <li><input type="checkbox"/> Engine coolant</li> <li><input type="checkbox"/> Exhaust pipes and mountings</li> <li><input type="checkbox"/> Front differential oil (all 4WD except Highlander and RAV4)</li> </ul>	<ul style="list-style-type: none"> <li><input type="checkbox"/> Rear differential oil (all models except 2WD Highlander and 2WD RAV4)</li> <li><input type="checkbox"/> Steering gear box</li> <li><input type="checkbox"/> Steering linkage and boots</li> <li><input type="checkbox"/> Transfer case oil (4WD Highlander, 4WD RAV4)</li> </ul>
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**Note:** Driving in heavy traffic, on dirt roads or in urban, dusty or desert areas may shorten the life of the cabin air filter. Replacement may be needed if you notice reduced air flow from the air conditioner and heater or if the windows fog easily when you use the "Fresh" mode. Consult your dealer if any of these conditions occur.

### Additional Maintenance Items for Special Operating Conditions

#### Driving in desert or on dirt roads:

- Inspect engine air filter
- Tighten nuts and bolts on chassis

#### Driving while towing:

- Inspect automatic transmission fluid (2WD Tacoma with A44D)
- Replace front differential oil (all 4WD except Highlander and RAV4)
- Replace rear differential oil, including limited-slip (all models except 2WD Highlander, 2WD RAV4, Sequoia and non-limited-slip Tundra)
- Replace transfer case oil (4WD Highlander, 4WD RAV4)
- Tighten nuts and bolts on chassis

#### DEALER SERVICE VERIFICATION:

DATE:

MILEAGE:

<sup>1</sup> Reset the oil replacement reminder ("MAINT REQD") light after replacing engine oil, if vehicle is equipped with this light.

## MAINTENANCE LOG: SUVs AND TRUCKS

### 20,000 Miles or 24 Months

- Replace engine oil and oil filter<sup>1</sup>
- Rotate tires
- Visually inspect brake linings/drums and brake pads/discs

#### Additional Maintenance Items for Special Operating Conditions

##### Driving in desert or on dirt roads:

- Inspect ball joints and dust covers
- Inspect drive shaft boots (Highlander, Land Cruiser, RAV4, 4WD Sequoia, 4WD Tacoma, 4WD Tundra, 4WD 4Runner)
- Inspect engine air filter
- Inspect steering linkage and boots
- Lubricate propeller shaft (PreRunner and all 4WD except Highlander and RAV4)
- Re-torque drive shaft bolt (4WD Highlander, 4WD RAV4)
- Re-torque propeller shaft bolt (all models except Highlander and RAV4)
- Tighten nuts and bolts on chassis

##### Driving on salted roads:

- Lubricate propeller shaft (PreRunner and all 4WD except Highlander and RAV4)
- Re-torque propeller shaft bolt (all models except Highlander and RAV4)

##### Driving while towing:

- Lubricate propeller shaft (PreRunner and all 4WD except Highlander and RAV4)
- Re-torque propeller shaft bolt (all models except Highlander and RAV4)
- Tighten nuts and bolts on chassis

**DEALER SERVICE VERIFICATION:**

DATE:

MILEAGE:

### 25,000 Miles or 30 Months

- Replace engine oil and oil filter<sup>1</sup>
- Rotate tires
- Visually inspect brake linings/drums and brake pads/discs

#### Additional Maintenance Items for Special Operating Conditions

##### Driving in desert or on dirt roads:

- Inspect ball joints and dust covers
- Inspect drive shaft boots (Highlander, Land Cruiser, RAV4, 4WD Sequoia, 4WD Tacoma, 4WD Tundra, 4WD 4Runner)
- Inspect engine air filter
- Inspect steering linkage and boots
- Lubricate propeller shaft (PreRunner and all 4WD except Highlander and RAV4)
- Re-torque drive shaft bolt (4WD Highlander, 4WD RAV4)
- Re-torque propeller shaft bolt (all models except Highlander and RAV4)
- Tighten nuts and bolts on chassis

##### Driving on salted roads:

- Lubricate propeller shaft (PreRunner and all 4WD except Highlander and RAV4)
- Re-torque propeller shaft bolt (all models except Highlander and RAV4)

##### Driving while towing:

- Lubricate propeller shaft (PreRunner and all 4WD except Highlander and RAV4)
- Re-torque propeller shaft bolt (all models except Highlander and RAV4)
- Tighten nuts and bolts on chassis

**DEALER SERVICE VERIFICATION:**

DATE:

MILEAGE:

## MAINTENANCE LOG: SUVs AND TRUCKS

### 30,000 Miles or 36 Months

- Replace engine oil and oil filter<sup>1</sup>
- Rotate tires
- Lubricate drive shaft bushing (Land Cruiser)
- Lubricate propeller shaft (PreRunner and all 4WD except Highlander and RAV4)
- Lubricate wheel bearings (Land Cruiser, 2WD Tacoma)
- Replace limited-slip differential oil, if equipped (Land Cruiser, 4WD Tacoma, 2WD Tundra)
- Replace spark plugs (4Runner w/ 1GR-FE, Sequoia, Tacoma, Tundra)<sup>2</sup>
- Re-torque drive shaft bolt (4WD Highlander, 4WD RAV4)
- Re-torque propeller shaft bolt (all models except Highlander and RAV4)
- Inspect the following:
  - Automatic transmission fluid
  - Ball joints and dust covers
  - Brake lines and hoses
  - Brake linings/drums and brake pads/discs<sup>3</sup>
  - Drive shaft boots (Highlander, Land Cruiser, RAV4, 4WD Sequoia, 4WD Tacoma, 4WD Tundra, 4WD 4Runner)
  - Engine coolant
  - Exhaust pipes and mountings
  - Front differential oil (4WD models, Highlander and RAV4)
  - Fuel lines and connections, fuel tank band and fuel tank vapor vent system hoses
  - Fuel tank cap gasket
  - Manual transmission oil (RAV4, Tundra, all Tacomas except PreRunner)
  - Radiator core and condenser
  - Rear differential oil (all models except 2WD Highlander and 2WD RAV4)
  - Steering gear box
  - Steering linkage and boots
  - Transfer case oil (all 4WD models)

### Additional Maintenance Items for Special Operating Conditions

#### Driving in desert or on dirt roads:

- Tighten nuts and bolts on chassis

#### Driving while towing:

- Replace automatic transmission fluid (2WD Tacoma with A44D)
- Replace front differential oil (2WD RAV4 with manual transmission, all 4WD models except RAV4 with automatic transmission and Highlander)
- Replace manual transmission oil (RAV4, Tundra, all Tacomas except PreRunner)
- Replace rear differential oil, including limited-slip (all models except 2WD Highlander and 2WD RAV4)
- Replace transfer case oil (4WD models)
- Tighten nuts and bolts on chassis

#### DEALER SERVICE VERIFICATION:

DATE:

MILEAGE:

<sup>1</sup> Reset the oil replacement reminder ("MAINT REQD") light after replacing engine oil, if vehicle is equipped with this light.

<sup>2</sup> Required under the terms of the Emission Control Warranty

<sup>3</sup> Inspect thickness measurement and disc runout.

## MAINTENANCE LOG: SUVs AND TRUCKS

### 35,000 Miles or 42 Months

- Replace engine oil and oil filter<sup>1</sup>
- Rotate tires
- Visually inspect brake linings/drums and brake pads/discs

#### Additional Maintenance Items for Special Operating Conditions

##### Driving in desert or on dirt roads:

- Inspect ball joints and dust covers
- Inspect drive shaft boots (Highlander, Land Cruiser, RAV4, 4WD Sequoia, 4WD Tacoma, 4WD Tundra, 4WD 4Runner)
- Inspect engine air filter
- Inspect steering linkage and boots
- Lubricate propeller shaft (PreRunner and all 4WD except Highlander and RAV4)
- Re-torque drive shaft bolt (4WD Highlander, 4WD RAV4)
- Re-torque propeller shaft bolt (all models except Highlander and RAV4)
- Tighten nuts and bolts on chassis

##### Driving on salted roads:

- Lubricate propeller shaft (PreRunner and all 4WD except Highlander and RAV4)
- Re-torque propeller shaft bolt (all models except Highlander and RAV4)

##### Driving while towing:

- Lubricate propeller shaft (PreRunner and all 4WD except Highlander and RAV4)
- Re-torque propeller shaft bolt (all models except Highlander and RAV4)
- Tighten nuts and bolts on chassis

**DEALER SERVICE VERIFICATION:**

DATE:

MILEAGE:

### 40,000 Miles or 48 Months

- Replace engine oil and oil filter<sup>1</sup>
- Rotate tires
- Visually inspect brake linings/drums and brake pads/discs

#### Additional Maintenance Items for Special Operating Conditions

##### Driving in desert or on dirt roads:

- Inspect ball joints and dust covers
- Inspect drive shaft boots (Highlander, Land Cruiser, RAV4, 4WD Sequoia, 4WD Tacoma, 4WD Tundra, 4WD 4Runner)
- Inspect engine air filter
- Inspect steering linkage and boots
- Lubricate propeller shaft (PreRunner and all 4WD except Highlander and RAV4)
- Re-torque drive shaft bolt (4WD Highlander, 4WD RAV4)
- Re-torque propeller shaft bolt (all models except Highlander and RAV4)
- Tighten nuts and bolts on chassis

##### Driving on salted roads:

- Lubricate propeller shaft (PreRunner and all 4WD except Highlander and RAV4)
- Re-torque propeller shaft bolt (all models except Highlander and RAV4)

##### Driving while towing:

- Lubricate propeller shaft (PreRunner and all 4WD except Highlander and RAV4)
- Re-torque propeller shaft bolt (all models except Highlander and RAV4)
- Tighten nuts and bolts on chassis

**DEALER SERVICE VERIFICATION:**

DATE:

MILEAGE:

## MAINTENANCE LOG: SUVs AND TRUCKS

### 45,000 Miles or 54 Months

- Replace engine oil and oil filter<sup>1</sup>
- Rotate tires
- Lubricate propeller shaft (PreRunner and all 4WD except Highlander and RAV4)
- Re-torque drive shaft bolt (4WD Highlander, 4WD RAV4)
- Re-torque propeller shaft bolt (all models except Highlander and RAV4)
- Visually inspect brake linings/drums and brake pads/discs
- Inspect the following:
  - Ball joints and dust covers
  - Brake lines and hoses
  - Drive shaft boots (Highlander, Land Cruiser, RAV4, 4WD Sequoia, 4WD Tacoma, 4WD Tundra, 4WD 4Runner)
  - Engine coolant
  - Exhaust pipes and mountings
  - Front differential oil (all 4WD except Highlander and RAV4)
  - Rear differential oil (all models except 2WD Highlander and 2WD RAV4)
  - Steering gear box
  - Steering linkage and boots
  - Transfer case oil (4WD Highlander, 4WD RAV4)

**Note:** Driving in heavy traffic, on dirt roads or in urban, dusty or desert areas may shorten the life of the cabin air filter. Replacement may be needed if you notice reduced air flow from the air conditioner and heater or if the windows fog easily when you use the "Fresh" mode. Consult your dealer if any of these conditions occur.

### Additional Maintenance Items for Special Operating Conditions

#### Driving in desert or on dirt roads:

- Inspect engine air filter
- Tighten nuts and bolts on chassis

#### Driving while towing:

- Inspect automatic transmission fluid (2WD Tacoma with A44D)
- Replace front differential oil (all 4WD except Highlander and RAV4)
- Replace rear differential oil, including limited-slip (all models except 2WD Highlander, 2WD RAV4, Sequoia and non-limited-slip Tundra)
- Replace transfer case oil (4WD Highlander, 4WD RAV4)
- Tighten nuts and bolts on chassis

#### DEALER SERVICE VERIFICATION:

DATE:

MILEAGE:

<sup>1</sup> Reset the oil replacement reminder ("MAINT REQD") light after replacing engine oil, if vehicle is equipped with this light.

## MAINTENANCE LOG: SUVs AND TRUCKS

### 50,000 Miles or 60 Months

- Replace engine oil and oil filter<sup>1</sup>
- Rotate tires
- Visually inspect brake linings/drums and brake pads/discs

#### Additional Maintenance Items for Special Operating Conditions

##### Driving in desert or on dirt roads:

- Inspect ball joints and dust covers
- Inspect drive shaft boots (Highlander, Land Cruiser, RAV4, 4WD Sequoia, 4WD Tacoma, 4WD Tundra, 4WD 4Runner)
- Inspect engine air filter
- Inspect steering linkage and boots
- Lubricate propeller shaft (PreRunner and all 4WD except Highlander and RAV4)
- Re-torque drive shaft bolt (4WD Highlander, 4WD RAV4)
- Re-torque propeller shaft bolt (all models except Highlander and RAV4)
- Tighten nuts and bolts on chassis

##### Driving on salted roads:

- Lubricate propeller shaft (PreRunner and all 4WD except Highlander and RAV4)
- Re-torque propeller shaft bolt (all models except Highlander and RAV4)

##### Driving while towing:

- Lubricate propeller shaft (PreRunner and all 4WD except Highlander and RAV4)
- Re-torque propeller shaft bolt (all models except Highlander and RAV4)
- Tighten nuts and bolts on chassis

**DEALER SERVICE VERIFICATION:**

DATE:

MILEAGE:

### 55,000 Miles or 66 Months

- Replace engine oil and oil filter<sup>1</sup>
- Rotate tires
- Visually inspect brake linings/drums and brake pads/discs

#### Additional Maintenance Items for Special Operating Conditions

##### Driving in desert or on dirt roads:

- Inspect ball joints and dust covers
- Inspect drive shaft boots (Highlander, Land Cruiser, RAV4, 4WD Sequoia, 4WD Tacoma, 4WD Tundra, 4WD 4Runner)
- Inspect engine air filter
- Inspect steering linkage and boots
- Lubricate propeller shaft (PreRunner and all 4WD except Highlander and RAV4)
- Re-torque drive shaft bolt (4WD Highlander, 4WD RAV4)
- Re-torque propeller shaft bolt (all models except Highlander and RAV4)
- Tighten nuts and bolts on chassis

##### Driving on salted roads:

- Lubricate propeller shaft (PreRunner and all 4WD except Highlander and RAV4)
- Re-torque propeller shaft bolt (all models except Highlander and RAV4)

##### Driving while towing:

- Lubricate propeller shaft (PreRunner and all 4WD except Highlander and RAV4)
- Re-torque propeller shaft bolt (all models except Highlander and RAV4)
- Tighten nuts and bolts on chassis

**DEALER SERVICE VERIFICATION:**

DATE:

MILEAGE:



## MAINTENANCE LOG: SUVs AND TRUCKS

### 60,000 Miles or 72 Months

- Replace engine oil and oil filter<sup>1</sup>
- Rotate tires
- Lubricate drive shaft bushing (Land Cruiser)
- Lubricate propeller shaft (PreRunner and all 4WD except Highlander and RAV4)
- Lubricate wheel bearings (Land Cruiser, 2WD Tacoma)
- Replace limited-slip differential oil, if equipped (4WD Highlander, Land Cruiser, 4WD RAV4, 4WD Tacoma, 2WD Tundra)
- Replace spark plugs (all models except Highlander and Land Cruiser)<sup>2</sup>
- Re-torque drive shaft bolt (Highlander, 4WD RAV4)
- Re-torque propeller shaft bolt (all models except Highlander and RAV4)
- Inspect the following:
  - Automatic transmission fluid
  - Ball joints and dust covers
  - Brake lines and hoses
  - Brake linings/drums and brake pads/discs<sup>3</sup>
  - Charcoal canister<sup>4</sup>
  - Drive belts<sup>5</sup>
  - Drive shaft boots (Highlander, Land Cruiser, RAV4, 4WD Sequoia, 4WD Tacoma, 4WD Tundra, 4WD 4Runner)
  - Engine coolant
  - Engine valve clearance
  - Front differential oil (4WD models, Highlander, RAV4)
  - Exhaust pipes and mountings
  - Fuel lines and connections, fuel tank band and fuel tank vapor vent system hoses
  - Fuel tank cap gasket
  - Manual transmission oil (RAV4, Tundra, all Tacomas except PreRunner)
  - Radiator core and condenser
  - Rear differential oil (all models except 2WD Highlander and 2WD RAV4)
  - Steering gear box
  - Steering linkage and boots
  - Transfer case oil (all 4WD models)

### Additional Maintenance Items for Special Operating Conditions

#### Driving in desert or on dirt roads:

- Tighten nuts and bolts on chassis

#### Driving while towing:

- Replace front differential oil (Highlander, RAV4 and all 4WD models)
- Replace rear differential oil, including limited-slip (all models except 2WD Highlander and 2WD RAV4)
- Replace transfer case oil (4WD models)
- Replace transmission fluid or oil
- Tighten nuts and bolts on chassis

#### DEALER SERVICE VERIFICATION:

DATE:

MILEAGE:

<sup>1</sup> Reset the oil replacement reminder ("MAINT REQD") light after replacing engine oil, if vehicle is equipped with this light.

<sup>2</sup> Required under the terms of the Emission Control Warranty.

<sup>3</sup> Inspect thickness measurement and disc runout.

<sup>4</sup> Applies to Land Cruiser, Sequoia, Tacoma/Tundra with 5VZ-FE and Tundra/4Runner with 2UZ-FE. Inspect at 60,000 miles or 72 months, whichever comes first. Required only for vehicles in California, Massachusetts and New York.

<sup>5</sup> Initial inspection at 60,000 miles/72 months. Inspect every 15,000 miles/18 months thereafter.

## MAINTENANCE LOG: SUVs AND TRUCKS

### 65,000 Miles or 78 Months

- Replace engine oil and oil filter<sup>1</sup>
- Rotate tires
- Visually inspect brake linings/drums and brake pads/discs

#### Additional Maintenance Items for Special Operating Conditions

##### Driving in desert or on dirt roads:

- Inspect ball joints and dust covers
- Inspect drive shaft boots (Highlander, Land Cruiser, RAV4, 4WD Sequoia, 4WD Tacoma, 4WD Tundra, 4WD 4Runner)
- Inspect engine air filter
- Inspect steering linkage and boots
- Lubricate propeller shaft (PreRunner and all 4WD except Highlander and RAV4)
- Re-torque drive shaft bolt (4WD Highlander, 4WD RAV4)
- Re-torque propeller shaft bolt (all models except Highlander and RAV4)
- Tighten nuts and bolts on chassis

##### Driving on salted roads:

- Lubricate propeller shaft (PreRunner and all 4WD except Highlander and RAV4)
- Re-torque propeller shaft bolt (all models except Highlander and RAV4)

##### Driving while towing:

- Lubricate propeller shaft (PreRunner and all 4WD except Highlander and RAV4)
- Re-torque propeller shaft bolt (all models except Highlander and RAV4)
- Tighten nuts and bolts on chassis

**DEALER SERVICE VERIFICATION:**

DATE:

MILEAGE:

### 70,000 Miles or 84 Months

- Replace engine oil and oil filter<sup>1</sup>
- Rotate tires
- Visually inspect brake linings/drums and brake pads/discs

#### Additional Maintenance Items for Special Operating Conditions

##### Driving in desert or on dirt roads:

- Inspect ball joints and dust covers
- Inspect drive shaft boots (Highlander, Land Cruiser, RAV4, 4WD Sequoia, 4WD Tacoma, 4WD Tundra, 4WD 4Runner)
- Inspect engine air filter
- Inspect steering linkage and boots
- Lubricate propeller shaft (PreRunner and all 4WD except Highlander and RAV4)
- Re-torque drive shaft bolt (4WD Highlander, 4WD RAV4)
- Re-torque propeller shaft bolt (all models except Highlander and RAV4)
- Tighten nuts and bolts on chassis

##### Driving on salted roads:

- Lubricate propeller shaft (PreRunner and all 4WD except Highlander and RAV4)
- Re-torque propeller shaft bolt (all models except Highlander and RAV4)

##### Driving while towing:

- Lubricate propeller shaft (PreRunner and all 4WD except Highlander and RAV4)
- Re-torque propeller shaft bolt (all models except Highlander and RAV4)
- Tighten nuts and bolts on chassis

**DEALER SERVICE VERIFICATION:**

DATE:

MILEAGE:

## MAINTENANCE LOG: SUVs AND TRUCKS

### 75,000 Miles or 90 Months

- Replace engine oil and oil filter<sup>1</sup>
- Rotate tires
- Lubricate propeller shaft (PreRunner and all 4WD except Highlander and RAV4)
- Re-torque drive shaft bolt (4WD Highlander, 4WD RAV4)
- Re-torque propeller shaft bolt (all models except Highlander and RAV4)
- Visually inspect brake linings/drums and brake pads/discs
- Inspect the following:
  - Ball joints and dust covers
  - Brake lines and hoses
  - Drive belts
  - Drive shaft boots (Highlander, Land Cruiser, RAV4, 4WD Sequoia, 4WD Tacoma, 4WD Tundra, 4WD 4Runner)
  - Engine coolant
  - Exhaust pipes and mountings
  - Front differential oil (all 4WD except Highlander and RAV4)
  - Rear differential oil (all models except 2WD Highlander and 2WD RAV4)
  - Steering gear box
  - Steering linkage and boots
  - Transfer case oil (4WD Highlander, 4WD RAV4)

**Note:** Driving in heavy traffic, on dirt roads or in urban, dusty or desert areas may shorten the life of the cabin air filter. Replacement may be needed if you notice reduced air flow from the air conditioner and heater or if the windows fog easily when you use the "Fresh" mode. Consult your dealer if any of these conditions occur.

### Additional Maintenance Items for Special Operating Conditions

#### Driving in desert or on dirt roads:

- Inspect engine air filter
- Tighten nuts and bolts on chassis

#### Driving while towing:

- Inspect automatic transmission fluid (2WD Tacoma with A44D)
- Replace front differential oil (all 4WD except Highlander and RAV4)
- Replace rear differential oil, including limited-slip (all models except 2WD Highlander, 2WD RAV4, Sequoia and non-limited-slip Tundra)
- Replace transfer case oil (4WD Highlander, 4WD RAV4)
- Tighten nuts and bolts on chassis

#### DEALER SERVICE VERIFICATION:

DATE:

MILEAGE:

<sup>1</sup> Reset the oil replacement reminder ("MAINT REQD") light after replacing engine oil, if vehicle is equipped with this light.

## MAINTENANCE LOG: SUVs AND TRUCKS

### 80,000 Miles or 96 Months

- Replace engine oil and oil filter<sup>1</sup>
- Rotate tires
- Visually inspect brake linings/drums and brake pads/discs

#### Additional Maintenance Items for Special Operating Conditions

##### Driving in desert or on dirt roads:

- Inspect ball joints and dust covers
- Inspect drive shaft boots (Highlander, Land Cruiser, RAV4, 4WD Sequoia, 4WD Tacoma, 4WD Tundra, 4WD 4Runner)
- Inspect engine air filter
- Inspect steering linkage and boots
- Lubricate propeller shaft (PreRunner and all 4WD except Highlander and RAV4)
- Re-torque drive shaft bolt (4WD Highlander, 4WD RAV4)
- Re-torque propeller shaft bolt (all models except Highlander and RAV4)
- Tighten nuts and bolts on chassis

##### Driving on salted roads:

- Lubricate propeller shaft (PreRunner and all 4WD except Highlander and RAV4)
- Re-torque propeller shaft bolt (all models except Highlander and RAV4)

##### Driving while towing:

- Lubricate propeller shaft (PreRunner and all 4WD except Highlander and RAV4)
- Re-torque propeller shaft bolt (all models except Highlander and RAV4)
- Tighten nuts and bolts on chassis

**DEALER SERVICE VERIFICATION:**

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MILEAGE:

### 85,000 Miles or 102 Months

- Replace engine oil and oil filter<sup>1</sup>
- Rotate tires
- Visually inspect brake linings/drums and brake pads/discs

#### Additional Maintenance Items for Special Operating Conditions

##### Driving in desert or on dirt roads:

- Inspect ball joints and dust covers
- Inspect drive shaft boots (Highlander, Land Cruiser, RAV4, 4WD Sequoia, 4WD Tacoma, 4WD Tundra, 4WD 4Runner)
- Inspect engine air filter
- Inspect steering linkage and boots
- Lubricate propeller shaft (PreRunner and all 4WD except Highlander and RAV4)
- Re-torque drive shaft bolt (4WD Highlander, 4WD RAV4)
- Re-torque propeller shaft bolt (all models except Highlander and RAV4)
- Tighten nuts and bolts on chassis

##### Driving on salted roads:

- Lubricate propeller shaft (PreRunner and all 4WD except Highlander and RAV4)
- Re-torque propeller shaft bolt (all models except Highlander and RAV4)

##### Driving while towing:

- Lubricate propeller shaft (PreRunner and all 4WD except Highlander and RAV4)
- Re-torque propeller shaft bolt (all models except Highlander and RAV4)
- Tighten nuts and bolts on chassis

**DEALER SERVICE VERIFICATION:**

DATE:

MILEAGE:

## MAINTENANCE LOG: SUVs AND TRUCKS

### 90,000 Miles or 108 Months

- Replace engine oil and oil filter<sup>1</sup>
- Rotate tires
- Lubricate drive shaft bushing (Land Cruiser)
- Lubricate propeller shaft (PreRunner and all 4WD except Highlander and RAV4)
- Lubricate wheel bearings (Land Cruiser, 2WD Tacoma)
- Replace limited-slip differential oil, if equipped (Land Cruiser, 4WD Tacoma, 2WD Tundra)
- Replace spark plugs (4Runner w/ 1GR-FE, Sequoia, Tacoma, Tundra)<sup>2</sup>
- Replace timing belt<sup>3</sup>
- Re-torque drive shaft bolt (4WD Highlander, 4WD RAV4)
- Re-torque propeller shaft bolt (all models except Highlander and RAV4)
- Inspect the following:
  - Automatic transmission fluid
  - Ball joints and dust covers
  - Brake lines and hoses
  - Brake linings/drums and brake pads/discs<sup>4</sup>
  - Drive belts
  - Drive shaft boots (Highlander, Land Cruiser, RAV4, 4WD Sequoia, 4WD Tacoma, 4WD Tundra, 4WD 4Runner)
  - Engine coolant
  - Exhaust pipes and mountings
  - Front differential oil (4WD models, Highlander and RAV4)
  - Fuel lines and connections, fuel tank band and fuel tank vapor vent system hoses
  - Fuel tank cap gasket
  - Manual transmission oil (RAV4, Tundra, all Tacomas except PreRunner)
  - Radiator core and condenser
  - Rear differential oil (all models except 2WD Highlander and 2WD RAV4)
  - Steering gear box
  - Steering linkage and boots
  - Transfer case oil (all 4WD models)

### Additional Maintenance Items for Special Operating Conditions

#### Driving in desert or on dirt roads:

- Tighten nuts and bolts on chassis

#### Driving while towing:

- Replace automatic transmission fluid (2WD Tacoma with A44D)
- Replace front differential oil (2WD RAV4 with manual transmission, all 4WD models except RAV4 with automatic transmission and Highlander)
- Replace manual transmission oil (RAV4, Tundra, all Tacomas except PreRunner)
- Replace rear differential oil, including limited-slip (all models except 2WD Highlander and 2WD RAV4)
- Replace transfer case oil (4WD models)
- Tighten nuts and bolts on chassis

#### DEALER SERVICE VERIFICATION:

DATE:

MILEAGE:

<sup>1</sup> Reset the oil replacement reminder ("MAINT REQD") light after replacing engine oil, if vehicle is equipped with this light.

<sup>2</sup> Required under the terms of the Emission Control Warranty

<sup>3</sup> Applies to Highlander with 3MZ-FE, Land Cruiser, Sequoia, Tundra, Tacoma with 5VZ-FE and 4Runner with 2UZ-FE.

<sup>4</sup> Inspect thickness measurement and disc runout.

## MAINTENANCE LOG: SUVs AND TRUCKS

### 95,000 Miles or 114 Months

- Replace engine oil and oil filter<sup>1</sup>
- Rotate tires
- Visually inspect brake linings/drums and brake pads/discs

#### Additional Maintenance Items for Special Operating Conditions

##### Driving in desert or on dirt roads:

- Inspect ball joints and dust covers
- Inspect drive shaft boots (Highlander, Land Cruiser, RAV4, 4WD Sequoia, 4WD Tacoma, 4WD Tundra, 4WD 4Runner)
- Inspect engine air filter
- Inspect steering linkage and boots
- Lubricate propeller shaft (PreRunner and all 4WD except Highlander and RAV4)
- Re-torque drive shaft bolt (4WD Highlander, 4WD RAV4)
- Re-torque propeller shaft bolt (all models except Highlander and RAV4)
- Tighten nuts and bolts on chassis

##### Driving on salted roads:

- Lubricate propeller shaft (PreRunner and all 4WD except Highlander and RAV4)
- Re-torque propeller shaft bolt (all models except Highlander and RAV4)

##### Driving while towing:

- Lubricate propeller shaft (PreRunner and all 4WD except Highlander and RAV4)
- Re-torque propeller shaft bolt (all models except Highlander and RAV4)
- Tighten nuts and bolts on chassis

**DEALER SERVICE VERIFICATION:**

DATE:

MILEAGE:

### 100,000 Miles or 120 Months

- Replace engine oil and oil filter<sup>1</sup>
- Rotate tires
- Replace engine coolant<sup>2</sup>
- Visually inspect brake linings/drums and brake pads/discs

#### Additional Maintenance Items for Special Operating Conditions

##### Driving in desert or on dirt roads:

- Inspect ball joints and dust covers
- Inspect drive shaft boots (Highlander, Land Cruiser, RAV4, 4WD Sequoia, 4WD Tacoma, 4WD Tundra, 4WD 4Runner)
- Inspect engine air filter
- Inspect steering linkage and boots
- Lubricate propeller shaft (PreRunner and all 4WD except Highlander and RAV4)
- Re-torque drive shaft bolt (4WD Highlander, 4WD RAV4)
- Re-torque propeller shaft bolt (all models except Highlander and RAV4)
- Tighten nuts and bolts on chassis

##### Driving on salted roads:

- Lubricate propeller shaft (PreRunner and all 4WD except Highlander and RAV4)
- Re-torque propeller shaft bolt (all models except Highlander and RAV4)

##### Driving while towing:

- Lubricate propeller shaft (PreRunner and all 4WD except Highlander and RAV4)
- Re-torque propeller shaft bolt (all models except Highlander and RAV4)
- Tighten nuts and bolts on chassis

**DEALER SERVICE VERIFICATION:**

DATE:

MILEAGE:

## MAINTENANCE LOG: SUVs AND TRUCKS

### 105,000 Miles or 126 Months

- Replace engine oil and oil filter<sup>1</sup>
- Rotate tires
- Lubricate propeller shaft (PreRunner and all 4WD except Highlander and RAV4)
- Re-torque drive shaft bolt (4WD Highlander, 4WD RAV4)
- Re-torque propeller shaft bolt (all models except Highlander and RAV4)
- Visually inspect brake linings/drums and brake pads/discs
- Inspect the following:
  - Ball joints and dust covers
  - Brake lines and hoses
  - Drive belts
  - Drive shaft boots (Highlander, Land Cruiser, RAV4, 4WD Sequoia, 4WD Tacoma, 4WD Tundra, 4WD 4Runner)
  - Engine coolant
  - Exhaust pipes and mountings
  - Front differential oil (all 4WD except Highlander and RAV4)
  - Rear differential oil (all models except 2WD Highlander and 2WD RAV4)
  - Steering gear box
  - Steering linkage and boots
  - Transfer case oil (4WD Highlander, 4WD RAV4)

**Note:** Driving in heavy traffic, on dirt roads or in urban, dusty or desert areas may shorten the life of the cabin air filter. Replacement may be needed if you notice reduced air flow from the air conditioner and heater or if the windows fog easily when you use the "Fresh" mode. Consult your dealer if any of these conditions occur.

### Additional Maintenance Items for Special Operating Conditions

#### Driving in desert or on dirt roads:

- Inspect engine air filter
- Tighten nuts and bolts on chassis

#### Driving while towing:

- Inspect automatic transmission fluid (2WD Tacoma with A44D)
- Replace front differential oil (all 4WD except Highlander and RAV4)
- Replace rear differential oil, including limited-slip (all models except 2WD Highlander, 2WD RAV4, Sequoia and non-limited-slip Tundra)
- Replace transfer case oil (4WD Highlander, 4WD RAV4)
- Tighten nuts and bolts on chassis

#### DEALER SERVICE VERIFICATION:

DATE:

MILEAGE:

<sup>1</sup> Reset the oil replacement reminder ("MAINT REQD") light after replacing engine oil, if vehicle is equipped with this light.

<sup>2</sup> Initial replacement at 100,000 miles/120 months. Replace every 50,000 miles/60 months thereafter. See page 37 for additional information.

## MAINTENANCE LOG: SUVs AND TRUCKS

### 110,000 Miles or 132 Months

- Replace engine oil and oil filter<sup>1</sup>
- Rotate tires
- Visually inspect brake linings/drums and brake pads/discs

#### Additional Maintenance Items for Special Operating Conditions

##### Driving in desert or on dirt roads:

- Inspect ball joints and dust covers
- Inspect drive shaft boots (Highlander, Land Cruiser, RAV4, 4WD Sequoia, 4WD Tacoma, 4WD Tundra, 4WD 4Runner)
- Inspect engine air filter
- Inspect steering linkage and boots
- Lubricate propeller shaft (PreRunner and all 4WD except Highlander and RAV4)
- Re-torque drive shaft bolt (4WD Highlander, 4WD RAV4)
- Re-torque propeller shaft bolt (all models except Highlander and RAV4)
- Tighten nuts and bolts on chassis

##### Driving on salted roads:

- Lubricate propeller shaft (PreRunner and all 4WD except Highlander and RAV4)
- Re-torque propeller shaft bolt (all models except Highlander and RAV4)

##### Driving while towing:

- Lubricate propeller shaft (PreRunner and all 4WD except Highlander and RAV4)
- Re-torque propeller shaft bolt (all models except Highlander and RAV4)
- Tighten nuts and bolts on chassis

**DEALER SERVICE VERIFICATION:**

DATE:

MILEAGE:

### 115,000 Miles or 138 Months

- Replace engine oil and oil filter<sup>1</sup>
- Rotate tires
- Visually inspect brake linings/drums and brake pads/discs

#### Additional Maintenance Items for Special Operating Conditions

##### Driving in desert or on dirt roads:

- Inspect ball joints and dust covers
- Inspect drive shaft boots (Highlander, Land Cruiser, RAV4, 4WD Sequoia, 4WD Tacoma, 4WD Tundra, 4WD 4Runner)
- Inspect engine air filter
- Inspect steering linkage and boots
- Lubricate propeller shaft (PreRunner and all 4WD except Highlander and RAV4)
- Re-torque drive shaft bolt (4WD Highlander, 4WD RAV4)
- Re-torque propeller shaft bolt (all models except Highlander and RAV4)
- Tighten nuts and bolts on chassis

##### Driving on salted roads:

- Lubricate propeller shaft (PreRunner and all 4WD except Highlander and RAV4)
- Re-torque propeller shaft bolt (all models except Highlander and RAV4)

##### Driving while towing:

- Lubricate propeller shaft (PreRunner and all 4WD except Highlander and RAV4)
- Re-torque propeller shaft bolt (all models except Highlander and RAV4)
- Tighten nuts and bolts on chassis

**DEALER SERVICE VERIFICATION:**

DATE:

MILEAGE:



## MAINTENANCE LOG: SUVs AND TRUCKS

### 120,000 Miles or 144 Months

- Replace engine oil and oil filter<sup>1</sup>
- Rotate tires
- Lubricate drive shaft bushing (Land Cruiser)
- Lubricate propeller shaft (PreRunner and all 4WD except Highlander and RAV4)
- Lubricate wheel bearings (Land Cruiser, 2WD Tacoma)
- Replace limited-slip differential oil, if equipped (4WD Highlander, Land Cruiser, 4WD RAV4, 4WD Tacoma, 2WD Tundra)
- Replace spark plugs (all models)<sup>2</sup>
- Re-torque drive shaft bolt (Highlander, 4WD RAV4)
- Re-torque propeller shaft bolt (all models except Highlander and RAV4)
- Inspect the following:
  - Automatic transmission fluid
  - Ball joints and dust covers
  - Brake lines and hoses
  - Brake linings/drums and brake pads/discs<sup>3</sup>
  - Charcoal canister<sup>4</sup>
  - Drive belts
  - Drive shaft boots (Highlander, Land Cruiser, RAV4, 4WD Sequoia, 4WD Tacoma, 4WD Tundra, 4WD 4Runner)
  - Engine coolant
  - Engine valve clearance
  - Front differential oil (4WD models, Highlander, RAV4)
  - Exhaust pipes and mountings
  - Fuel lines and connections, fuel tank band and fuel tank vapor vent system hoses
  - Fuel tank cap gasket
  - Manual transmission oil (RAV4, Tundra, all Tacomas except PreRunner)
  - Radiator core and condenser
  - Rear differential oil (all models except 2WD Highlander and 2WD RAV4)
  - Steering gear box
  - Steering linkage and boots
  - Transfer case oil (all 4WD models)

### Additional Maintenance Items for Special Operating Conditions

#### Driving in desert or on dirt roads:

- Tighten nuts and bolts on chassis

#### Driving while towing:

- Replace front differential oil (Highlander, RAV4 and all 4WD models)
- Replace rear differential oil, including limited-slip (all models except 2WD Highlander and 2WD RAV4)
- Replace transfer case oil (4WD models)
- Replace transmission fluid or oil
- Tighten nuts and bolts on chassis

#### DEALER SERVICE VERIFICATION:

DATE:

MILEAGE:

<sup>1</sup> Reset the oil replacement reminder ("MAINT REQD") light after replacing engine oil, if vehicle is equipped with this light.

<sup>2</sup> Required under the terms of the Emission Control Warranty.

<sup>3</sup> Inspect thickness measurement and disc runout.

<sup>4</sup> Applies to Land Cruiser, Sequoia, Tacoma/Tundra with 5VZ-FE and Tundra/4Runner with 2UZ-FE. Inspect at 60,000 miles or 72 months, whichever comes first. Required only for vehicles in California, Massachusetts and New York.